

Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
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EPIDEMIOLOGIC NOTES AND REPORTS INFLUENZA - United States

Since December 21, 1968 (MMWR, Vol. 17, No. 51), increased influenza activity has been reported from 18 states. The predominant change occurred in the South Atlantic Division where six states reported widespread occurrence for the first time. As of January 4, 1969, widespread influenza activity has been reported in 38 states, regional occurrence in five states, and isolated outbreaks in six states. Isolated documented cases have occurred in Louisiana (Figure 1). The West South Central and East South Central Divisions continue to report the least influenza activity.

Although 43 states have reported widespread or regional influenza activity over the past 4 months, many states indicate that the epidemic in their state is declin-

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ing. The Alaska State Department of Health reports that their outbreak peaked in mid-October, and that reports of respiratory illness have been essentially normal since early December. Other states report that the total number of influenza cases has started to decline, but that a true assessment can only be made after schools reopen following the Christmas vacation.

(Continued on page 2)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	1st WEEK ENDED		MEDIAN 1964 - 1968	CUMULATIVE, FIRST WEEK		
	January 4, 1969	January 6, 1968		1969	1968	MEDIAN 1964 - 1968
Aseptic meningitis	18	28	28	18	28	28
Brucellosis	-	1	3	-	1	3
Diphtheria	3	1	1	3	1	1
Encephalitis, primary:						
Arthropod-borne & unspecified	11	14	18	11	14	18
Encephalitis, post-infectious	2	9	8	2	9	8
Hepatitis, serum	87	46	644	87	46	644
Hepatitis, infectious	637	598	644	637	598	644
Malaria	26	19	5	26	19	5
Measles (rubeola)	162	233	3,191	162	233	3,191
Meningococcal infections, total	38	42	42	38	42	42
Civilian	35	41	---	35	41	---
Military	3	1	---	3	1	---
Mumps	1,208	2,590	---	1,208	2,590	---
Poliomyelitis, total	-	-	-	-	-	-
Paralytic	-	-	-	-	-	-
Rubella (German measles)	207	304	---	207	304	---
Streptococcal sore throat & scarlet fever	8,521	8,799	8,320	8,521	8,799	8,320
Tetanus	2	-	3	2	-	3
Tularemia	3	-	4	3	-	4
Typhoid fever	2	2	2	2	2	2
Typhus, tick-borne (Rky. Mt. spotted fever)	1	2	2	1	2	2
Rabies in animals	44	68	68	44	68	68

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Rabies in man:	-
Botulism:	-	Rubella congenital syndrome:	-
Leptospirosis: *	-	Trichinosis:	-
Plague:	-	Typhus, murine:	-
Psittacosis:	-		

*Delayed reports (1968): Leptospirosis: Fla. 1, Iowa 8

INFLUENZA - (Continued from front page)

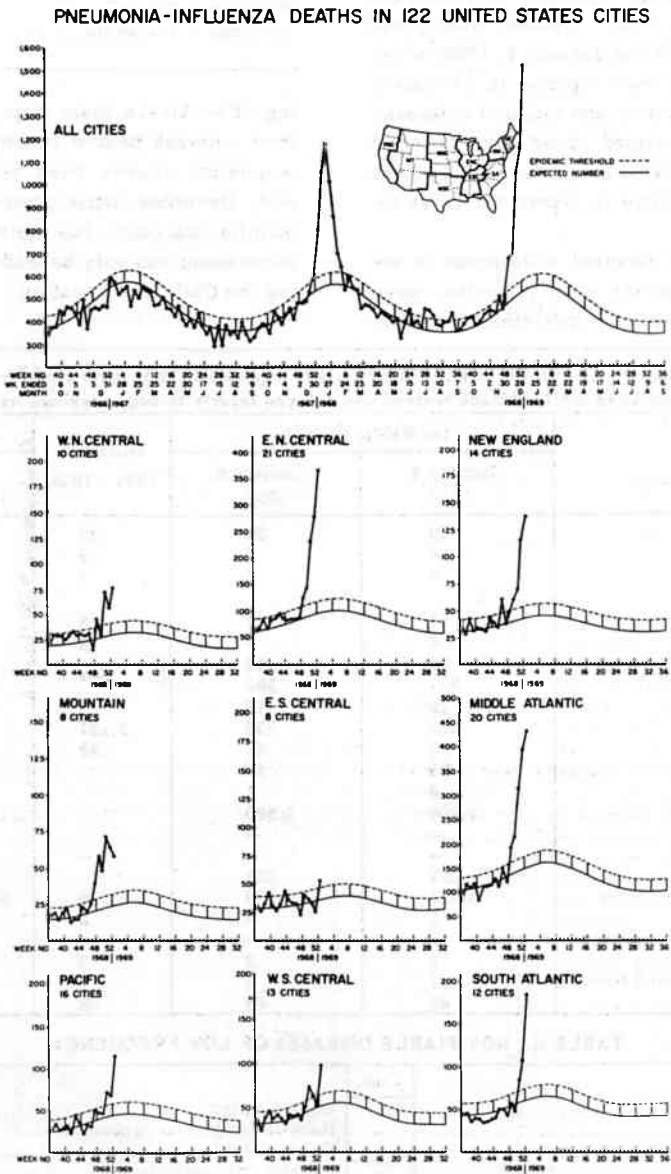
Excess total mortality and excess pneumonia-influenza mortality in 122 U.S. cities continued to rise for the fifth consecutive week. This week the reported pneumonia-influenza deaths totaled 1,523 (Figure 2). Increased pneumonia-influenza mortality occurred in all geographic divisions except for the Mountain Division which has shown a decline for 2 consecutive weeks. The East South Central Division exceeded the epidemic threshold for the first time.

(Reported by the Respiratory Diseases Unit, Viral Diseases Section, Epidemiology Program, NCDC.)

Figure 1
INFLUENZA - UNITED STATES
SEPTEMBER 2, 1968-JANUARY 4, 1969



Figure 2
PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



SURVEILLANCE SUMMARY
TUBERCULOSIS CASES ON REGISTERS - United States 1967

On December 31, 1967, there were an estimated 315,000 tuberculosis cases on registers in state and local health departments in the United States. This total included 32,000 patients with active tuberculosis who were in hospitals and sanatoria and 45,000 patients with active tuberculosis who were receiving care in clinics and from private physicians (Table 1).

During the 4-year period since 1963, changes occurred within the categories of tuberculosis cases on registers. End-of-year figures for 1967 showed a decrease

in hospitalized cases from 44,000 in 1963 to 32,000 in 1967, a 27 percent reduction, and also a decrease in the number of active cases under care outside of hospitals. On December 31, 1963, registers listed 61,000 unhospitalized cases with active disease and at the end of 1967, 45,000 cases. In the categories of "other than active cases retained on tuberculosis registers," there were 215,000 on December 31, 1963, and 238,000 on December 31, 1967, an increase of 10.7 percent.

(Reported by Tuberculosis Program, NCDC.)

Table 1
Cases on Current Tuberculosis Registers* - United States

Type	1963	1964	1965	1966	1967
Hospitalized cases	44,000	42,000	40,000	37,000	32,000
Unhospitalized active cases	61,000	63,000	60,000	53,000	45,000
Active disease cases	105,000	105,000	100,000	90,000	77,000
All other cases on current registers**	215,000	215,000	225,000	230,000	238,000
Total cases on registers	320,000	320,000	325,000	320,000	315,000

*Estimated.

**Cases with activity undetermined and inactive cases under current supervision.

NOTE: Tuberculosis registers include records of the active cases currently under care, the cases for which disease activity has not been determined, and inactive cases under supervision. Also retained on health department rolls are records of people who fail to respond to treatment or who have received inadequate or interrupted treatment.

SALMONELLOSIS - July, August, and September 1968

During July, August, and September 1968, the total numbers of salmonella isolations from humans were 2,203, 1,939, and 2,090, respectively, and the weekly averages for the 3 months were 441, 485, and 523, respectively (Figure 3). The 10 most frequently reported serotypes from human and nonhuman sources are listed in Table 2. For the same 3 months, 942, 697, and 819 nonhuman isolations were reported.

During these 3 months, 199 isolations of *Salmonella javiana* from humans were reported to NCDC. Usually, with the exception of *S. typhi*, serotypes most frequently

(Continued on page 8)

Figure 3
REPORTED HUMAN ISOLATIONS OF SALMONELLAE IN THE UNITED STATES



Table 2
10 Most Frequently Reported Salmonella Serotypes from Humans and Nonhumans July, August, and September 1968

HUMAN	Number	Percent	NONHUMAN	Number	Percent
<i>typhimurium*</i>	1,603	25.7	<i>typhimurium*</i>	426	17.3
<i>enteritidis</i>	600	9.6	<i>heidelberg</i>	172	7.0
<i>heidelberg</i>	455	7.3	<i>senftenberg</i>	130	5.3
<i>newport</i>	408	6.5	<i>infantis</i>	128	5.2
<i>saint-paul</i>	355	5.7	<i>montevideo</i>	127	5.2
<i>infantis</i>	322	5.2	<i>anatum</i>	103	4.2
<i>thompson</i>	262	4.2	<i>eimsbuettel</i>	93	3.8
<i>javiana</i>	199	3.2	<i>saint-paul</i>	93	3.8
<i>typhi</i>	191	3.1	<i>derby</i>	82	3.3
<i>blockley</i>	129	2.1	<i>newport</i>	79	3.2
Subtotal	4,524	72.6	Subtotal	1,433	58.3
Total all serotypes	6,232		Total all serotypes	2,458	

*Includes var. *copenhagen*

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
 JANUARY 4, 1969 AND JANUARY 6, 1968 (1st WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post- Infectious	Serum	Infectious		1969	Cum. 1969
				1969	1968	1969	1969	1969	1968		
UNITED STATES...	18	-	3	11	14	2	87	637	598	26	26
NEW ENGLAND.....	-	-	-	-	-	-	5	43	20	-	-
Maine*.....	-	-	-	-	-	-	-	6	2	-	-
New Hampshire.....	-	-	-	-	-	-	-	2	2	-	-
Vermont.....	-	-	-	-	-	-	1	-	-	-	-
Massachusetts.....	-	-	-	-	-	-	1	21	8	-	-
Rhode Island.....	-	-	-	-	-	-	-	8	4	-	-
Connecticut.....	-	-	-	-	-	-	3	6	4	-	-
MIDDLE ATLANTIC.....	3	-	-	-	4	-	49	130	126	-	-
New York City.....	2	-	-	-	-	-	43	71	28	-	-
New York, up-State.....	1	-	-	-	-	-	1	5	22	-	-
New Jersey.....	-	-	-	-	3	-	2	12	55	-	-
Pennsylvania.....	-	-	-	-	1	-	3	42	21	-	-
EAST NORTH CENTRAL...	1	-	1	8	3	-	6	62	66	3	3
Ohio.....	1	-	-	2	3	-	1	25	26	-	-
Indiana.....	-	-	-	-	-	-	-	-	-	-	-
Illinois.....	-	-	-	-	-	-	2	5	2	-	-
Michigan.....	-	-	-	5	-	-	3	27	19	3	3
Wisconsin.....	-	-	1	1	-	-	-	5	19	-	-
WEST NORTH CENTRAL...	-	-	-	-	-	-	1	28	35	-	-
Minnesota.....	-	-	-	-	-	-	1	3	2	-	-
Iowa.....	-	-	-	-	-	-	-	4	3	-	-
Missouri.....	-	-	-	-	-	-	-	19	26	-	-
North Dakota.....	-	-	-	-	-	-	-	-	1	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	2	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	3	-	-
SOUTH ATLANTIC.....	2	-	-	-	1	-	1	90	58	9	9
Delaware.....	-	-	-	-	-	-	-	2	4	-	-
Maryland*.....	1	-	-	-	1	-	-	6	12	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	1	-	-	-	-	-	-	5	14	-	-
West Virginia.....	-	-	-	-	-	-	-	9	6	-	-
North Carolina.....	-	-	-	-	-	-	-	11	2	9	9
South Carolina.....	-	-	-	-	-	-	1	4	-	-	-
Georgia.....	-	-	-	-	-	-	-	21	10	-	-
Florida*.....	-	-	-	-	-	-	-	32	10	-	-
EAST SOUTH CENTRAL...	2	-	-	-	-	-	-	61	68	-	-
Kentucky.....	2	-	-	-	-	-	-	24	37	-	-
Tennessee.....	-	-	-	-	-	-	-	21	14	-	-
Alabama.....	-	-	-	-	-	-	-	10	11	-	-
Mississippi.....	-	-	-	-	-	-	-	6	6	-	-
WEST SOUTH CENTRAL...	1	-	1	-	1	-	2	55	47	1	1
Arkansas.....	-	-	-	-	-	-	-	-	1	-	-
Louisiana.....	-	-	1	-	-	-	1	8	-	1	1
Oklahoma.....	1	-	-	-	1	-	-	15	7	-	-
Texas.....	-	-	-	-	-	-	1	32	39	-	-
MOUNTAIN.....	-	-	1	1	1	-	1	30	20	4	4
Montana.....	-	-	-	-	1	-	-	5	4	-	-
Idaho.....	-	-	-	-	-	-	-	1	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	-	-	-	-	4	4
New Mexico.....	-	-	1	1	-	-	1	5	3	-	-
Arizona.....	-	-	-	-	-	-	-	9	7	-	-
Utah.....	-	-	-	-	-	-	-	4	6	-	-
Nevada.....	-	-	-	-	-	-	-	6	-	-	-
PACIFIC.....	9	-	-	2	4	2	22	138	158	9	9
Washington.....	-	-	-	-	-	-	-	-	14	-	-
Oregon.....	-	-	-	-	1	-	-	9	17	-	-
California.....	8	-	-	2	3	2	22	126	112	4	4
Alaska.....	-	-	-	-	-	-	-	1	4	-	-
Hawaii.....	1	-	-	-	-	-	-	2	11	5	5
Puerto Rico*.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports (1968): Aseptic meningitis: Fla. 2
 Diphtheria: Fla. delete 2
 Encephalitis, primary: Md. 1
 Hepatitis, serum: Fla. 2
 Hepatitis, infectious: Me. 3, Fla. 33, P.R. 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 4, 1969 AND JANUARY 6, 1968 (1st WEEK) CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA	
	1969	Cumulative		1969	Cumulative			1969	Total	Paralytic		
		1969	1968		1969	1968				1969		Cum. 1969
UNITED STATES...	162	162	233	38	38	42	1,208	-	-	-	207	
NEW ENGLAND.....	11	11	6	2	2	3	237	-	-	-	11	
Maine.*.....	-	-	-	-	-	-	32	-	-	-	2	
New Hampshire.*.....	-	-	-	-	-	-	-	-	-	-	-	
Vermont.....	-	-	-	-	-	-	54	-	-	-	-	
Massachusetts.....	3	3	6	1	1	2	62	-	-	-	9	
Rhode Island.....	-	-	-	-	-	-	32	-	-	-	-	
Connecticut.....	8	8	-	1	1	1	57	-	-	-	-	
MIDDLE ATLANTIC.....	50	50	27	6	6	3	51	-	-	-	21	
New York City.....	27	27	6	1	1	-	16	-	-	-	9	
New York, Up-State.....	1	1	12	1	1	-	NN	-	-	-	2	
New Jersey.....	13	13	9	3	3	1	35	-	-	-	5	
Pennsylvania.....	9	9	-	1	1	2	NN	-	-	-	5	
EAST NORTH CENTRAL....	11	11	42	5	5	6	254	-	-	-	47	
Ohio.....	-	-	8	-	-	2	31	-	-	-	1	
Indiana.....	3	3	16	-	-	1	42	-	-	-	-	
Illinois.....	4	4	4	2	2	-	14	-	-	-	2	
Michigan.....	1	1	2	3	3	3	37	-	-	-	30	
Wisconsin.....	3	3	12	-	-	-	130	-	-	-	14	
WEST NORTH CENTRAL....	18	18	9	-	-	3	78	-	-	-	14	
Minnesota.....	9	9	-	-	-	-	-	-	-	-	-	
Iowa.....	4	4	2	-	-	-	56	-	-	-	4	
Missouri.....	-	-	1	-	-	-	7	-	-	-	5	
North Dakota.....	-	-	6	-	-	-	9	-	-	-	5	
South Dakota.....	-	-	-	-	-	1	NN	-	-	-	-	
Nebraska.....	5	5	-	-	-	-	6	-	-	-	-	
Kansas.....	-	-	-	-	-	2	-	-	-	-	-	
SOUTH ATLANTIC.....	23	23	28	7	7	7	108	-	-	-	43	
Delaware.....	-	-	-	-	-	-	-	-	-	-	10	
Maryland.....	-	-	1	1	1	-	23	-	-	-	-	
Dist. of Columbia..	-	-	-	-	-	1	-	-	-	-	-	
Virginia.....	11	11	5	-	-	-	2	-	-	-	-	
West Virginia.....	6	6	13	1	1	1	32	-	-	-	12	
North Carolina.....	2	2	-	-	-	-	NN	-	-	-	-	
South Carolina.*...	3	3	-	1	1	1	22	-	-	-	2	
Georgia.....	-	-	-	-	-	-	-	-	-	-	-	
Florida*.....	1	1	9	4	4	4	29	-	-	-	19	
EAST SOUTH CENTRAL....	-	-	8	1	1	2	62	-	-	-	13	
Kentucky.....	-	-	-	-	-	1	37	-	-	-	2	
Tennessee.....	-	-	8	1	1	1	21	-	-	-	10	
Alabama.....	-	-	-	-	-	-	3	-	-	-	1	
Mississippi.....	-	-	-	-	-	-	1	-	-	-	-	
WEST SOUTH CENTRAL....	36	36	52	3	3	10	188	-	-	-	20	
Arkansas.....	-	-	-	-	-	1	-	-	-	-	-	
Louisiana.....	-	-	-	1	1	1	-	-	-	-	2	
Oklahoma.....	-	-	6	-	-	5	3	-	-	-	2	
Texas.....	36	36	46	2	2	3	185	-	-	-	16	
MOUNTAIN.....	5	5	14	3	3	2	72	-	-	-	17	
Montana.....	-	-	-	-	-	1	32	-	-	-	3	
Idaho.....	-	-	4	-	-	-	-	-	-	-	-	
Wyoming.....	-	-	7	-	-	-	-	-	-	-	-	
Colorado.....	-	-	2	-	-	-	11	-	-	-	1	
New Mexico.....	1	1	-	1	1	-	28	-	-	-	2	
Arizona.....	4	4	1	-	-	1	-	-	-	-	7	
Utah.....	-	-	-	-	-	-	1	-	-	-	4	
Nevada.....	-	-	-	2	2	-	-	-	-	-	-	
PACIFIC.....	8	8	47	11	11	6	158	-	-	-	21	
Washington.....	-	-	15	-	-	-	14	-	-	-	4	
Oregon.....	4	4	13	-	-	1	14	-	-	-	4	
California.....	4	4	16	10	10	5	118	-	-	-	12	
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	
Hawaii.....	-	-	3	1	1	-	12	-	-	-	1	
Puerto Rico.....	5	5	-	-	-	-	2	-	-	-	1	

*Delayed reports (1968): Measles: S.C. 2, Fla. 6
Meningococcal infections: Fla. 1
Mumps: Me. 2, N.H. 1, Fla. 32
Rubella: Me. 2, S.C. delete 2, Fla. 9

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FOR WEEKS ENDED
JANUARY 4, 1969 AND JANUARY 6, 1968 (1st WEEK) CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
		1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969
UNITED STATES ..	8,521	2	2	3	3	2	2	1	1	44	44
NEW ENGLAND.....	1,074	-	-	-	-	-	-	-	-	-	-
Maine.*.....	13	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	139	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	166	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	111	-	-	-	-	-	-	-	-	-	-
Connecticut.....	645	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	144	-	-	-	-	-	-	-	-	-	-
New York City.....	4	-	-	-	-	-	-	-	-	-	-
New York, Up-State.....	122	-	-	-	-	-	-	-	-	-	-
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	18	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL...	372	1	1	-	-	-	-	-	-	2	2
Ohio.....	18	-	-	-	-	-	-	-	-	-	-
Indiana.....	66	-	-	-	-	-	-	-	-	-	-
Illinois.....	9	-	-	-	-	-	-	-	-	1	1
Michigan.....	149	1	1	-	-	-	-	-	-	-	-
Wisconsin.....	130	-	-	-	-	-	-	-	-	1	1
WEST NORTH CENTRAL...	351	-	-	1	1	-	-	-	-	4	4
Minnesota.....	42	-	-	-	-	-	-	-	-	-	-
Iowa.....	58	-	-	-	-	-	-	-	-	2	2
Missouri.....	5	-	-	1	1	-	-	-	-	2	2
North Dakota.....	89	-	-	-	-	-	-	-	-	-	-
South Dakota.....	24	-	-	-	-	-	-	-	-	-	-
Nebraska.....	121	-	-	-	-	-	-	-	-	-	-
Kansas.....	12	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	1,091	-	-	-	-	-	-	-	-	15	15
Delaware.....	13	-	-	-	-	-	-	-	-	-	-
Maryland.....	198	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	199	-	-	-	-	-	-	-	-	9	9
West Virginia.....	152	-	-	-	-	-	-	-	-	2	2
North Carolina.....	36	-	-	-	-	-	-	-	-	-	-
South Carolina.....	270	-	-	-	-	-	-	-	-	-	-
Georgia.....	16	-	-	-	-	-	-	-	-	2	2
Florida.*.....	207	-	-	-	-	-	-	-	-	2	2
EAST SOUTH CENTRAL...	2,105	-	-	1	1	1	1	1	1	11	11
Kentucky.....	159	-	-	-	-	-	-	-	-	5	5
Tennessee.....	1,809	-	-	1	1	1	1	1	1	5	5
Alabama.*.....	101	-	-	-	-	-	-	-	-	1	1
Mississippi.....	36	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	865	-	-	-	-	-	-	-	-	4	4
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	5	-	-	-	-	-	-	-	-	-	-
Oklahoma.....	76	-	-	-	-	-	-	-	-	-	-
Texas.....	784	-	-	-	-	-	-	-	-	4	4
MOUNTAIN.....	1,729	-	-	1	1	-	-	-	-	6	6
Montana.....	28	-	-	-	-	-	-	-	-	-	-
Idaho.....	169	-	-	-	-	-	-	-	-	-	-
Wyoming.....	85	-	-	-	-	-	-	-	-	1	1
Colorado.*.....	996	-	-	-	-	-	-	-	-	-	-
New Mexico.....	176	-	-	1	1	-	-	-	-	2	2
Arizona.....	190	-	-	-	-	-	-	-	-	-	-
Utah.....	85	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	3	3
PACIFIC.....	790	1	1	-	-	1	1	-	-	2	2
Washington.....	27	-	-	-	-	-	-	-	-	-	-
Oregon.....	56	-	-	-	-	-	-	-	-	-	-
California.....	553	1	1	-	-	1	1	-	-	2	2
Alaska.....	15	-	-	-	-	-	-	-	-	-	-
Hawaii.....	139	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	1	-	-	-	-	-	-	-	-	-	-

*Delayed reports (1968): SST: Me. 28, Fla. 139
Tetanus: Ala. 2
Typhoid: Colo. delete 1
Rabies in animals: Fla. 1

Morbidity and Mortality Weekly Report

Week No. **TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 4, 1969**

1

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 Year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 Year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	1,080	660	138	36	SOUTH ATLANTIC:	1,696	874	183	69
Boston, Mass.-----	348	201	48	11	Atlanta, Ga.-----	164	78	15	10
Bridgeport, Conn.-----	67	45	18	2	Baltimore, Md.-----	372	214	36	9
Cambridge, Mass.-----	37	26	15	-	Charlotte, N. C.-----	67	23	6	9
Fall River, Mass.-----	50	34	1	-	Jacksonville, Fla.-----	105	62	7	7
Hartford, Conn.-----	87	39	9	8	Miami, Fla.-----	143	75	5	7
Lowell, Mass.-----	31	22	1	1	Norfolk, Va.-----	91	40	12	2
Lynn, Mass.-----	24	20	1	-	Richmond, Va.-----	136	68	19	5
New Bedford, Mass.-----	43	30	4	-	Savannah, Ga.-----	33	19	8	-
New Haven, Conn.-----	88	50	4	5	St. Petersburg, Fla.-----	95	75	12	2
Providence, R. I.-----	90	51	15	-	Tampa, Fla.-----	82	45	17	2
Somerville, Mass.-----	4	2	1	-	Washington, D. C.-----	335	146	38	10
Springfield, Mass.-----	79	53	12	3	Wilmington, Del.-----	73	29	8	6
Waterbury, Conn.-----	22	16	-	-	EAST SOUTH CENTRAL:	729	400	53	27
Worcester, Mass.-----	110	71	9	6	Birmingham, Ala.-----	107	57	3	9
MIDDLE ATLANTIC:	4,360	2,608	433	147	Chattanooga, Tenn.-----	58	24	15	4
Albany, N. Y.-----	76	44	4	3	Knoxville, Tenn.-----	59	40	-	1
Allentown, Pa.-----	81	54	21	1	Louisville, Ky.-----	142	79	17	3
Buffalo, N. Y.-----	203	113	7	11	Memphis, Tenn.-----	152	78	4	5
Camden, N. J.-----	49	26	6	5	Mobile, Ala.-----	24	11	2	-
Elizabeth, N. J.-----	43	24	5	-	Montgomery, Ala.-----	32	18	3	2
Erie, Pa.-----	58	40	8	3	Nashville, Tenn.-----	155	93	9	3
Jersey City, N. J.-----	70	35	20	4	WEST SOUTH CENTRAL:	1,398	736	99	75
Newark, N. J.-----	108	33	8	21	Austin, Tex.-----	44	23	7	5
New York City, N. Y.-----	2,166	1,294	208	56	Baton Rouge, La.-----	58	35	4	-
Paterson, N. J.-----	63	39	10	6	Corpus Christi, Tex.-----	16	8	-	2
Philadelphia, Pa.-----	567	335	15	16	Dallas, Tex.-----	195	100	9	19
Pittsburgh, Pa.-----	302	181	33	9	El Paso, Tex.-----	68	35	7	5
Reading, Pa.-----	79	54	14	1	Fort Worth, Tex.-----	113	54	11	10
Rochester, N. Y.-----	160	111	41	5	Houston, Tex.-----	193	96	6	2
Schenectady, N. Y.-----	37	24	3	1	Little Rock, Ark.-----	24	17	3	-
Scranton, Pa.-----	62	44	9	-	New Orleans, La.-----	296	143	15	15
Syracuse, N. Y.-----	104	73	5	1	Oklahoma City, Okla.-----	122	70	6	5
Trenton, N. J.-----	53	34	1	1	San Antonio, Tex.-----	144	80	7	9
Utica, N. Y.-----	35	24	6	2	Shreveport, La.-----	57	30	11	2
Yonkers, N. Y.-----	44	26	9	1	Tulsa, Okla.-----	68	45	13	1
EAST NORTH CENTRAL:	3,617	2,073	368	143	MOUNTAIN:	589	332	58	23
Akron, Ohio-----	114	56	21	5	Albuquerque, N. Mex.-----	49	23	6	1
Canton, Ohio-----	57	42	17	4	Colorado Springs, Colo.-----	37	26	6	1
Chicago, Ill.-----	1,084	568	74	56	Denver, Colo.-----	124	76	8	7
Cincinnati, Ohio-----	174	112	14	4	Ogden, Utah-----	33	22	2	1
Cleveland, Ohio-----	177	104	17	2	Phoenix, Ariz.-----	156	74	12	3
Columbus, Ohio-----	162	87	9	8	Pueblo, Colo.-----	21	12	5	1
Dayton, Ohio-----	109	61	14	3	Salt Lake City, Utah-----	82	51	9	7
Detroit, Mich.-----	551	314	59	16	Tucson, Ariz.-----	87	48	10	2
Evansville, Ind.-----	48	30	4	-	PACIFIC:	1,676	1,008	115	74
Flint, Mich.-----	76	44	10	4	Berkeley, Calif.-----	26	19	2	-
Fort Wayne, Ind.-----	58	33	8	3	Fresno, Calif.-----	56	31	3	4
Gary, Ind.-----	60	35	15	5	Glendale, Calif.-----	28	21	3	1
Grand Rapids, Mich.-----	81	55	16	1	Honolulu, Hawaii-----	52	24	1	-
Indianapolis, Ind.-----	241	129	27	14	Long Beach, Calif.-----	121	70	13	3
Madison, Wis.-----	35	24	5	1	Los Angeles, Calif.-----	412	238	31	25
Milwaukee, Wis.-----	164	113	16	6	Oakland, Calif.-----	95	53	5	9
Peoria, Ill.-----	47	27	5	2	Pasadena, Calif.-----	44	34	7	1
Rockford, Ill.-----	70	38	16	3	Portland, Ore.-----	126	77	7	5
South Bend, Ind.-----	91	54	10	2	Sacramento, Calif.-----	98	59	8	4
Toledo, Ohio-----	133	88	9	3	San Diego, Calif.-----	122	77	7	5
Youngstown, Ohio-----	85	59	2	1	San Francisco, Calif.-----	222	132	9	6
WEST NORTH CENTRAL:	1,105	671	76	39	San Jose, Calif.-----	53	31	5	-
Des Moines, Iowa-----	83	59	5	3	Seattle, Wash.-----	104	57	7	8
Duluth, Minn.-----	33	26	4	-	Spokane, Wash.-----	55	41	3	3
Kansas City, Kans.-----	48	27	5	4	Tacoma, Wash.-----	62	44	4	-
Kansas City, Mo.-----	202	116	7	9	Total	16,250	9,362	1,523	633
Lincoln, Nebr.-----	32	21	1	-	Cumulative Totals including reported corrections for previous weeks				
Minneapolis, Minn.-----	160	96	11	4	All Causes, All Ages -----				16,250
Omaha, Nebr.-----	88	39	6	7	All Causes, Age 65 and over-----				9,362
St. Louis, Mo.-----	318	197	32	6	Pneumonia and Influenza, All Ages-----				1,523
St. Paul, Minn.-----	104	66	5	5	All Causes, Under 1 Year of Age-----				633
Wichita, Kans.-----	37	24	-	1					

SALMONELLOSIS - (Continued from page 3)

isolated from humans are commonly cultured from non-human sources as well. However, *S. javiana* has been only rarely isolated from nonhuman sources. In the past year, investigations of the human outbreaks due to *S. javiana* have failed to isolate this organism from a nonhuman vehicle.

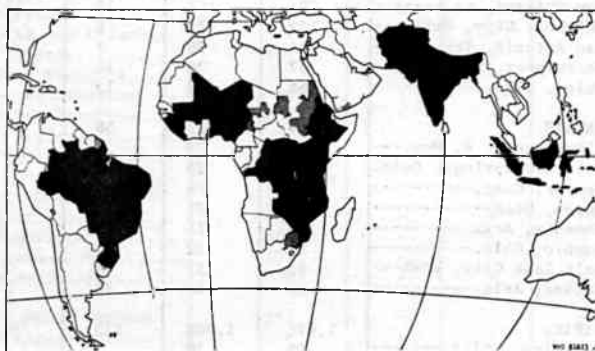
(Reported by the Salmonellosis Unit, Bacterial Diseases Section, Epidemiology Program, NCDC.)

INTERNATIONAL NOTES
SMALLPOX - Worldwide¹

From January 1 through December 5, 1968, a total of 59,652 cases of smallpox were reported to the World Health Organization. For the comparable period in 1967, there were 109,707 reported cases. In comparing the 1968 period with the 1967 period, a reduction of 46 percent was observed for reported smallpox cases during the current year.

Figure 4 shows the areas of the world currently endemic for smallpox and those having smallpox as a result of importations. With the exception of single case importations into Belgium and the United Kingdom, virtually all outbreaks in the non-endemic areas during this year occurred by importations from endemic areas which are geographically contiguous.

Figure 4

AREAS IN WHICH SMALLPOX HAS BEEN REPORTED
IN 1968

■ Countries presumed to be endemic for smallpox

■ Areas into which smallpox has been imported

At present, 27 countries are considered endemic for smallpox. Several of these, including Liberia, Mali, Southern Rhodesian, Swaziland, and Zambia, have reported only sporadic cases, many only as a result of importation. It is possible that these countries can become non-endemic in the near future, provided the direct spread of smallpox from nearby endemic areas is interrupted.

(Reported by the Smallpox Eradication Program, NCDC.)

Reference:

¹World Health Organization *Weekly Epidemiological Record*, 43(50):649.

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ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

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